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**Process for preparing metallocene catalyst with high-molecular shell-nucleus structure**

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**Abstract of CN1284137**

A process for preparing the high-molecular metallocene catalyst with shell-nucleus structure for homopolymerization and copolymerization of ethylene and alpha-olefine is disclosed. Said catalyst is composed of component A which is a high-molecular metallocene compound  $P(S-CO-(R1)_m(R2)_nM)_i$ ; component B which is nucleus of catalyst ( $SiO_2$ ,  $Al_2O_3$ ,  $MgCl_2$ , or polystyrene microsphere) and component C (methyl aluminoxane or B ( $C_8F_5$ )<sub>3</sub>). Its advantages include uniform granularity, high flowability and high catalysis effect.

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